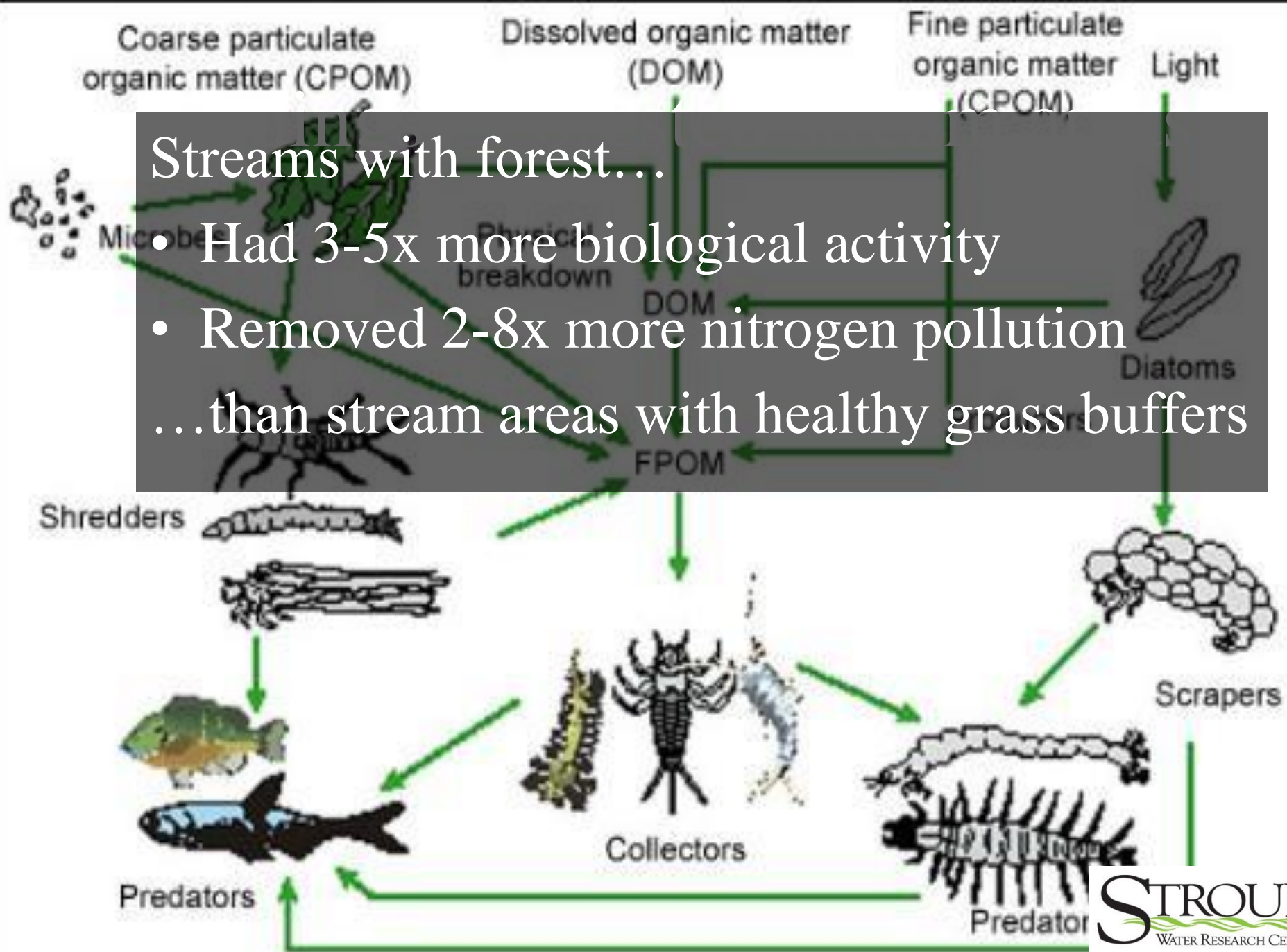


Smart Growth – Water and Land Use

Tom Anderson

**Frederick County Sustainability
Commission**

October 16, 2015

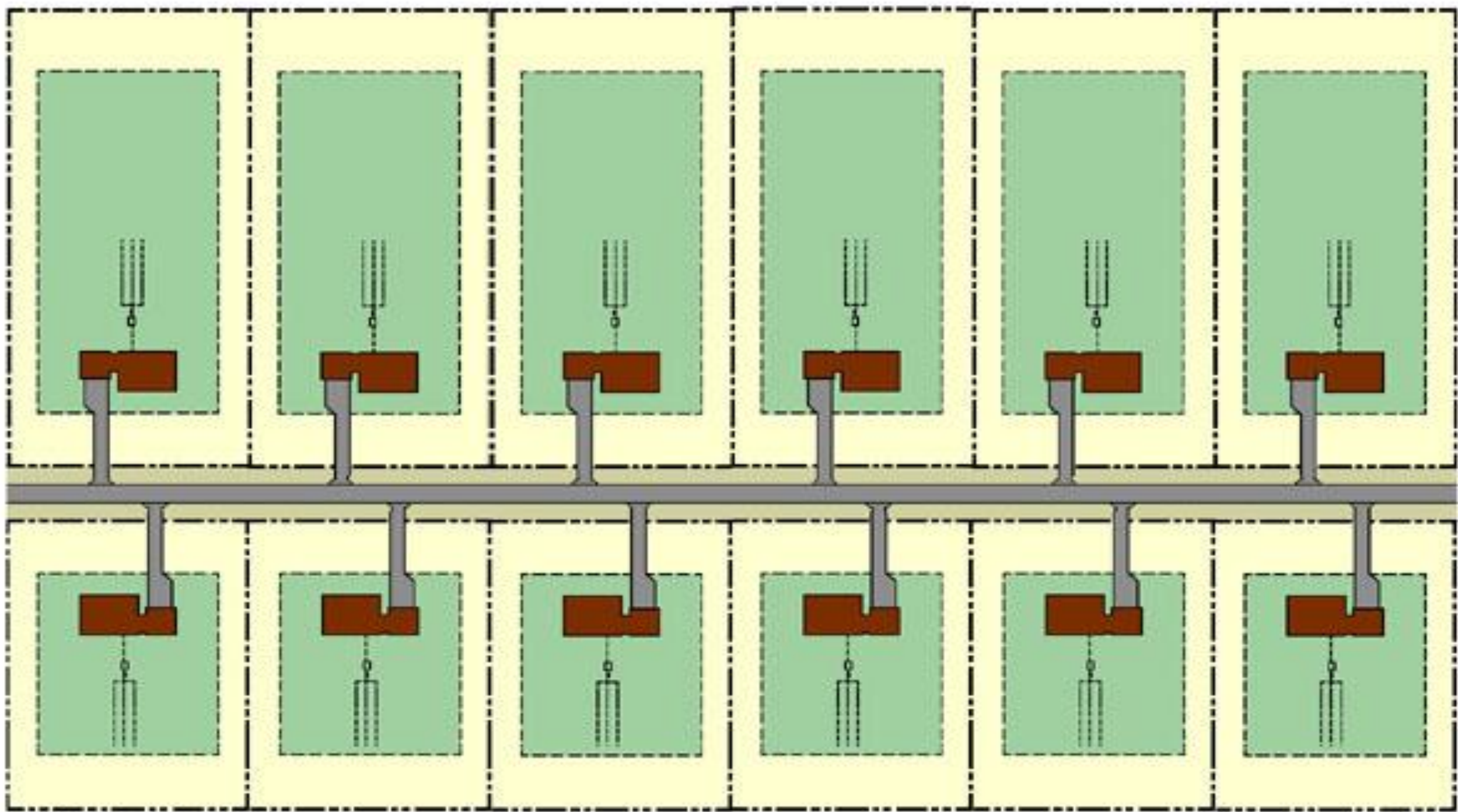


Streams with forest...

- Had 3-5x more biological activity
 - Removed 2-8x more nitrogen pollution
- ...than stream areas with healthy grass buffers









Healthy stream



Smart Growth – Water and Land Use

- Frederick County is a leader in protection
- Recent new science of forested riparian buffers
- Future – reduce turf areas as acceptable buffer